

**ARMY NATIONAL GUARD
FY06 UFR'S**

15 January 2005

SUBJECT: Warlock Force Protection System

FY06 UFR: \$ 472M

APPN: OPA

AREA OF INTEREST: MODERNIZATION

DESCRIPTION: The Warlock Force Protection system is a lifesaving countermeasure. Originally designed to defeat proximity fused indirect fire munitions, Warlock has a dual capability to deny the use of enemy modern communication devices. WARLOCK can be used individually or in-groups to provide wide area coverage without mutual interference. The systems have three configurations—man-pack, vehicle mounted, and stand-alone.

ISSUE JUSTIFICATION: WARLOCK has become a lifesaving system that provides techniques to deny unfriendly use of modern communication devices used in booby traps. Three missions are addressed by the current system: Convoy Protection (for assured mobility), Explosive Ordnance Disposal (EOD) and Gate Keeping. The threat posed to U.S. troops is increasing in number and complexity at an alarming rate. The range or band of frequencies is programmable depending upon the threat. To expand the coverage area, multiple Warlocks may be employed together providing overlapping coverage.

PROGRAM STATUS: This is a mature technology program. In September 2002 92 systems were fielded to support Operation Iraqi Freedom, and Operation Enduring Freedom. Another 166 will be deployed in theater by Jan 2004. There is still a shortage of 400 systems, not including the requirements in Afghanistan, Balkans and other remote locations where ARNG troops are deployed.

IMPACT OF FUNDING THE CAPABILITY: The ARNG is currently at a high deployment rate and anticipates a continued high OPTEMPO. ARNG soldiers are deployed in theaters of operation where the enemy uses proximity fuses and booby traps. Not funding this program will put National Guard troops at a higher risk when the capability exist to increase the level of force protection that is afforded to the Active Component soldiers.

ANALYSIS: The requirement for Warlock is 2,144 with 258 on hand leaving a delta of 1,886 for a total unfunded requirement of \$472 million.

(Include for internal ARNG coordination/use only)

SUBJECT: WARLOCK

APPN: OPA

APE:

MDEP:

MDEP TITLE: WARLOCK

DAMO-ZR 1-N List Priority Number:

Division Priority:

Functional POC: MAJ Elkins **Div:** ARQ-M **Tel:** 703-607-7821

Approval Authority: COL Moore / NGB-ARQ / 703-607-7804

	FY04	FY05
Validated Requirement		\$472M
Unvalidated Requirement		0
Total Requirement		\$472M
Funded Amount		0
Total UFR		\$472M

Data is provided as of the FY04-05 Pres Budget position

ANALYSIS: The WARLOCK system protects vehicles and convoys against many IED threats. This equates to a requirement of \$472 million dollars.

***Note:** Changes in requirements and unit costs due to the on-going design of the Modular Force require this information paper be updated periodically. Next analysis and update will occur in early March 05.